

Faithfull FAIPC330

Faithfull PC330 Pipe Cutter (3-30 mm) Instruction Manual

Model: FAIPC330

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1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Faithfull PC330 Pipe Cutter. Please read this manual thoroughly before operating the tool and retain it for future reference. The Faithfull PC330 is designed for cutting copper, brass, aluminum, and thin-walled steel pipes with diameters ranging from 3 mm to 30 mm (1/8" to 1 1/8").

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of injury when using this tool.

- **Wear Eye Protection:** Always wear safety glasses or goggles to protect your eyes from flying debris.
- **Keep Hands Clear:** Ensure hands are kept away from the cutting wheel during operation.
- **Inspect Tool:** Before each use, check the pipe cutter for any damage or wear. Do not use if the cutting wheel is dull or chipped, or if any part is loose.
- **Secure Workpiece:** Ensure the pipe is securely held to prevent movement during cutting.
- **Proper Use:** Use the tool only for its intended purpose of cutting pipes within the specified diameter range.
- **Store Safely:** Store the pipe cutter in a dry, secure place, out of reach of children.

3. PRODUCT OVERVIEW

The Faithfull PC330 Pipe Cutter is a compact and efficient tool for precise pipe cutting. Its robust construction ensures durability and consistent performance.



This image displays the Faithfull PC330 Pipe Cutter, highlighting its compact design and the engraved pipe diameter range of 3-30 mm on the tool body.

3.1 Components

- **Cutting Wheel:** The sharp blade responsible for scoring and cutting the pipe.
- **Guide Rollers:** Two rollers that support the pipe and ensure a straight cut.
- **Adjustment Knob:** Used to advance the cutting wheel and apply pressure to the pipe.
- **Frame:** The main body of the cutter that holds all components.



A detailed view of the pipe cutter's cutting mechanism, featuring the sharp cutting wheel and the two guide rollers that ensure a straight cut.

4. SETUP

4.1 Unpacking

Carefully remove the pipe cutter from its packaging. Inspect the tool for any signs of damage that may have occurred during transit. If any damage is found, do not use the tool and contact your supplier.

4.2 Initial Inspection

Before first use, ensure the cutting wheel is securely in place and sharp. Check that the adjustment knob turns smoothly and that the guide rollers rotate freely.

5. OPERATING INSTRUCTIONS

5.1 Selecting the Right Pipe

Ensure the pipe material and diameter are within the specified range of the Faithfull PC330 (3-30 mm). Clean the pipe surface where the cut will be made to remove any dirt or burrs.

5.2 Adjusting the Cutter

1. Open the pipe cutter by turning the adjustment knob counter-clockwise until there is enough space to place the pipe between the cutting wheel and the guide rollers.
2. Position the pipe so that the desired cut line is aligned with the cutting wheel.
3. Turn the adjustment knob clockwise until the cutting wheel makes light contact with the pipe surface. Do not overtighten.



This image illustrates the black adjustment knob and the threaded shaft used to precisely control the cutting wheel's pressure and position against the pipe.

5.3 Cutting the Pipe

1. Once the cutter is positioned and lightly tightened, rotate the pipe cutter around the pipe, applying even pressure.
2. After one full rotation, turn the adjustment knob clockwise by approximately a quarter to half turn to increase the pressure on the cutting wheel.
3. Continue rotating the cutter and tightening the knob incrementally after each full rotation until the pipe is completely cut through.
4. Avoid excessive tightening at once, as this can deform the pipe or damage the cutting wheel.

5.4 Deburring

After cutting, a slight burr may be present on the inside edge of the pipe. This can be removed using a reaming tool or a file to ensure smooth flow and proper fitting connections.

6. MAINTENANCE

6.1 Cleaning

After each use, wipe down the pipe cutter with a clean, dry cloth to remove any metal shavings or debris. For stubborn grime, a mild solvent can be used, ensuring it does not damage the tool's finish.

6.2 Blade Replacement

The cutting wheel is a consumable part and will dull over time. A dull wheel can lead to uneven cuts or pipe deformation. To replace the cutting wheel:

1. Loosen the screw holding the cutting wheel in place.
2. Carefully remove the old cutting wheel.
3. Insert a new Faithfull replacement cutting wheel, ensuring it is correctly seated.

4. Tighten the screw securely.

6.3 Lubrication

Periodically apply a small amount of light machine oil to the threaded shaft of the adjustment mechanism and the guide rollers to ensure smooth operation and prevent corrosion.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Uneven or crooked cut	Insufficient or uneven pressure; dull cutting wheel; pipe not properly seated.	Ensure even pressure during rotation; replace cutting wheel; verify pipe is straight and secure.
Pipe deforms or flattens	Excessive pressure applied too quickly.	Apply pressure incrementally with smaller turns of the adjustment knob.
Cutter jams or is difficult to turn	Threaded shaft or rollers are dirty/dry; cutting wheel is damaged.	Clean and lubricate the threaded shaft and rollers; inspect and replace cutting wheel if damaged.
Cutting wheel does not advance	Adjustment knob mechanism is stiff or damaged.	Clean and lubricate the threaded shaft. If damaged, seek professional repair or replacement.

8. SPECIFICATIONS

Feature	Detail
Model Number	FAIPC330
Cutting Capacity	3 - 30 mm (1/8" - 1 1/8")
Weight	0.35 Kilograms (350 g)
Product Dimensions (L x W x H)	7.95 x 1.89 x 0.71 cm
Manufacturer	Faithfull

9. WARRANTY AND SUPPORT

Faithfull tools are manufactured to high standards and are designed for durability. For information regarding warranty coverage, product support, or to purchase replacement parts, please refer to the official Faithfull website or contact your local retailer. Keep your proof of purchase for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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